

FIG. 1

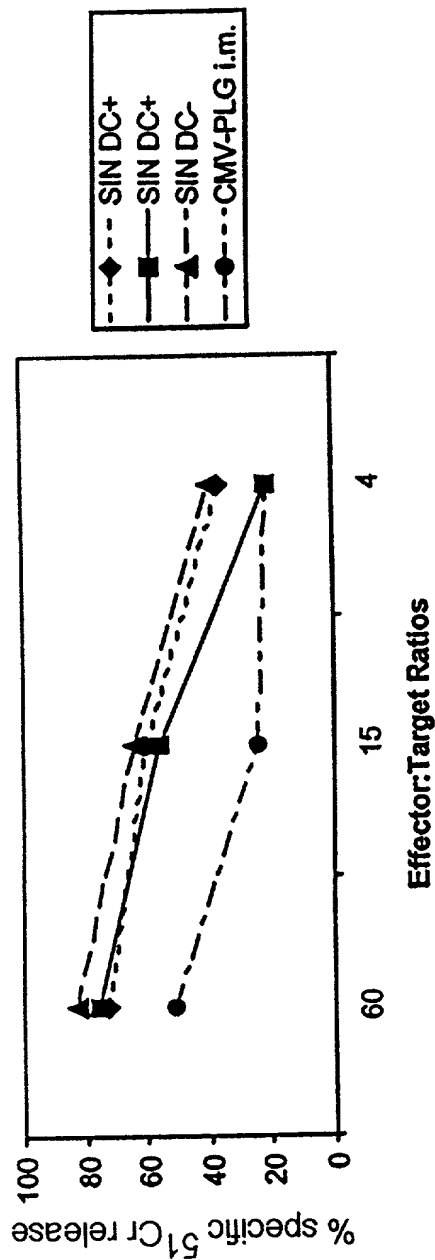


FIG. 2

# Potent Cell-mediated Immunity in Local and Peripheral Lymphoid Tissues Following IN Immunization with SIN Particles

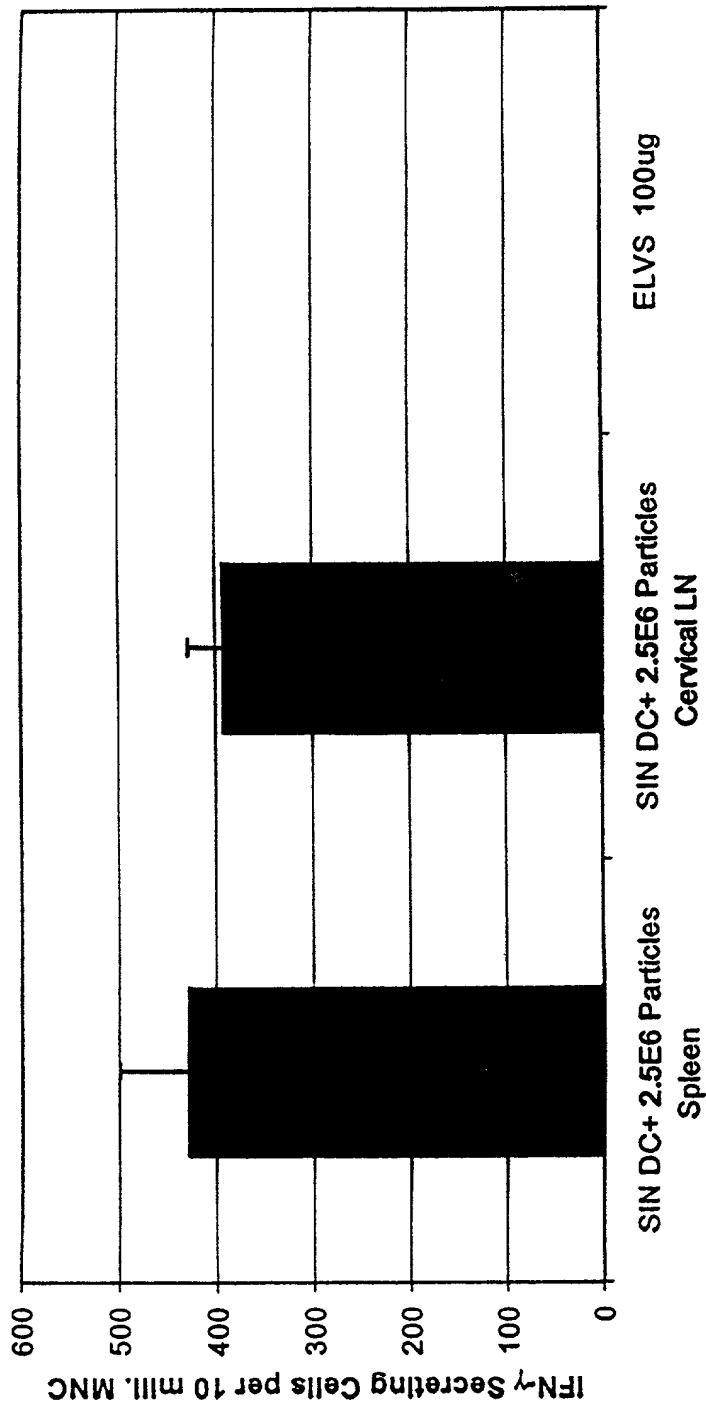
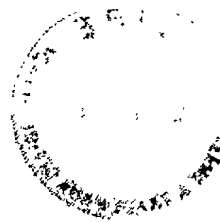


FIG. 3



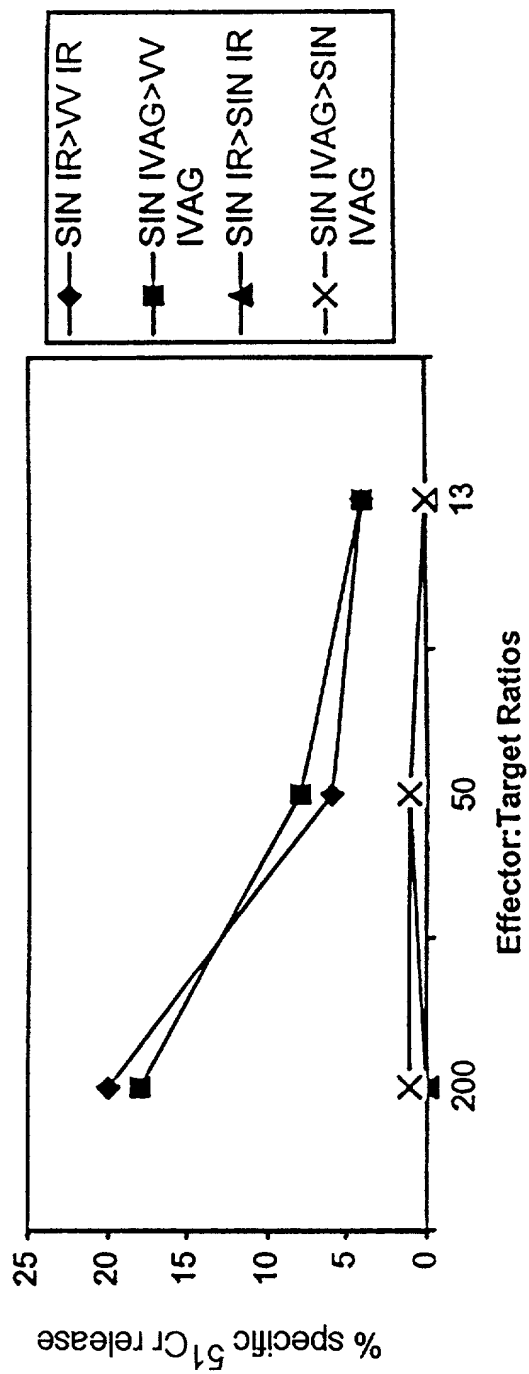


FIG. 4

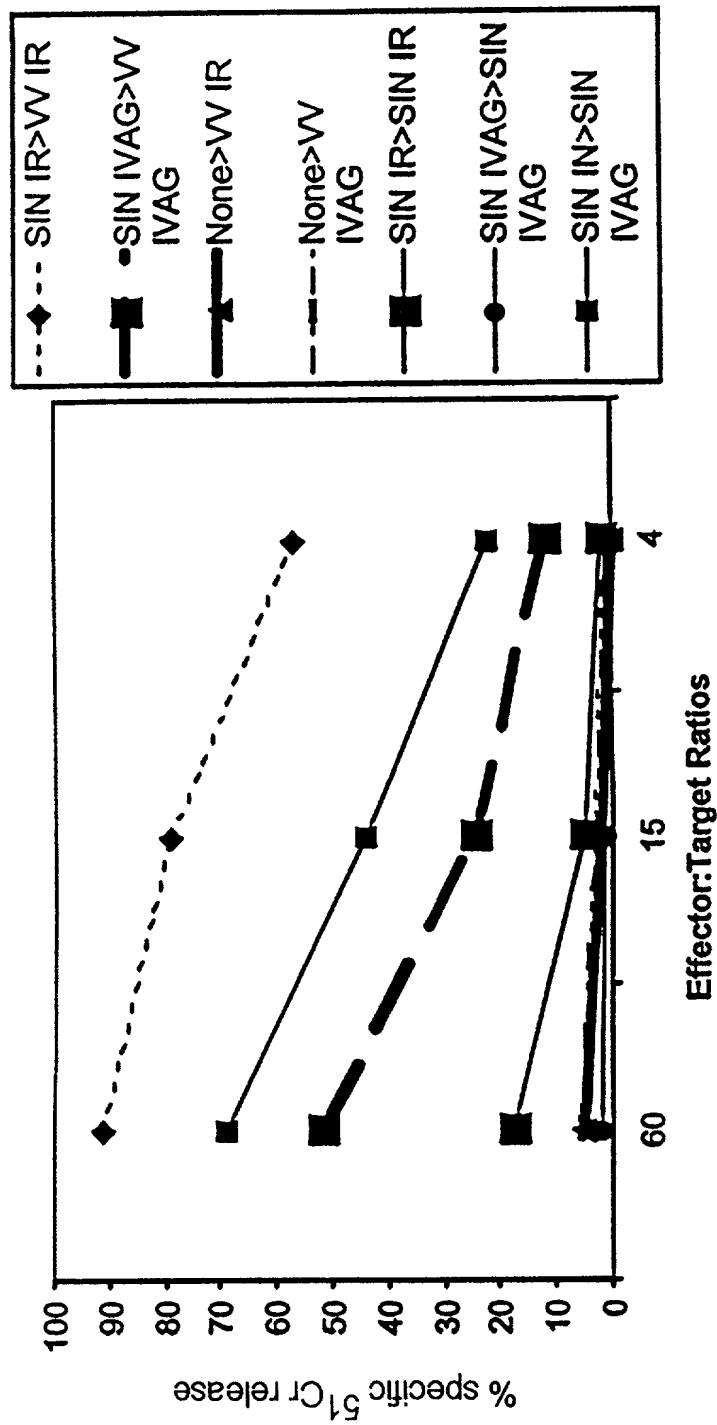
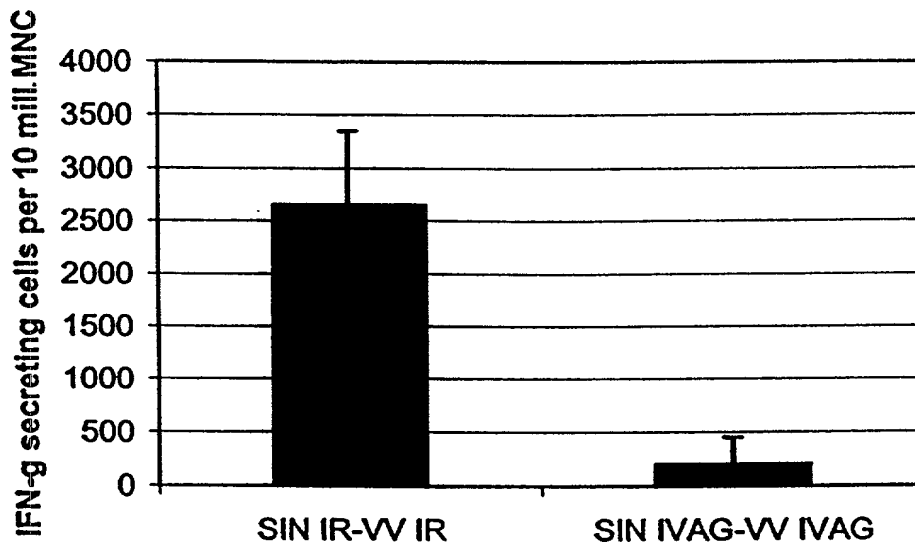


FIG. 5

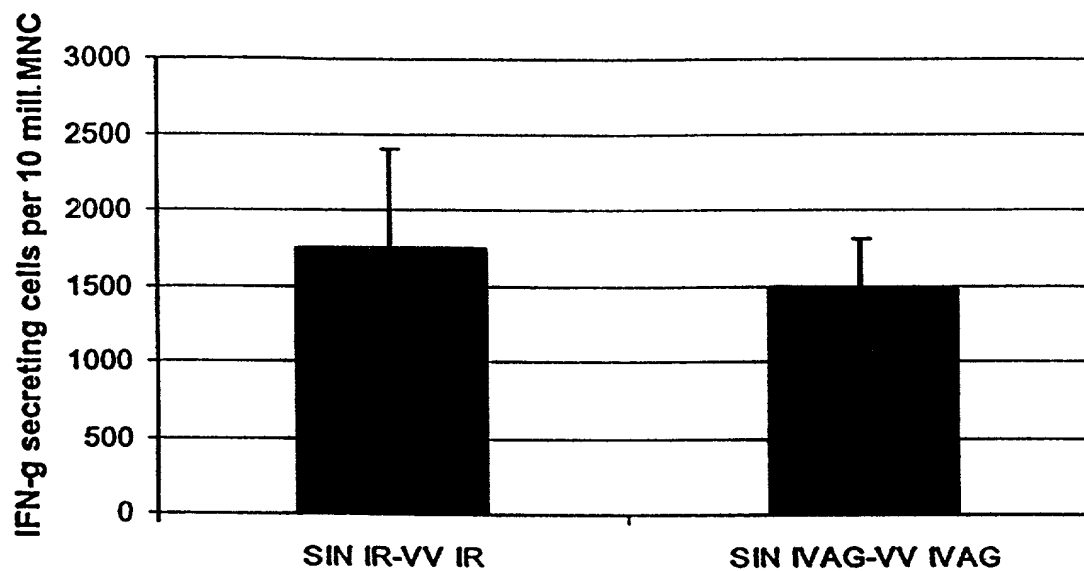
**Gag-specific IFN- $\gamma$  secreting cells in Spleen  
IR and IVAG Immunizations with SIN  
IR and IVAG challenge with VV**



**FIG. 6**



**Gag-specific IFN- $\gamma$  secreting cells in iliac LN  
IR and IVAG Immunizations with SIN  
IR and IVAG challenge with VV**



**FIG. 7**

Vaginal and rectal delivery of SIN-gag particles protects mice against mucosal challenge with VV-gag

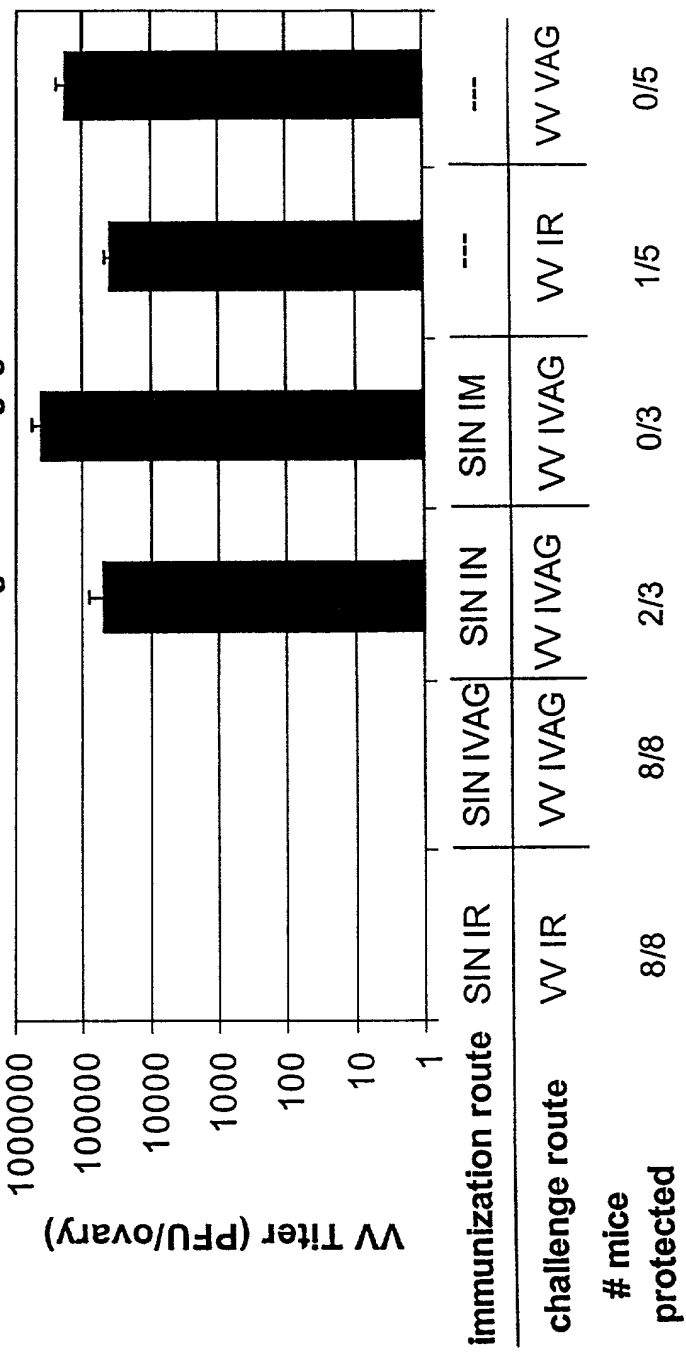


FIG.8

Gag-specific serum titers

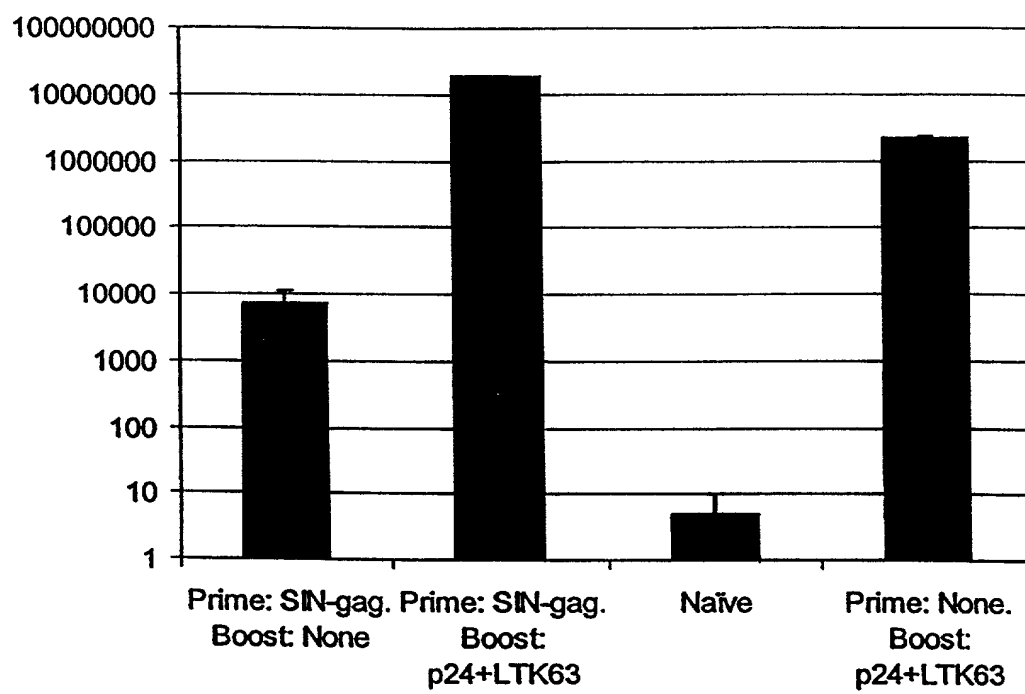


FIG. 9



gp120-specific serum titers

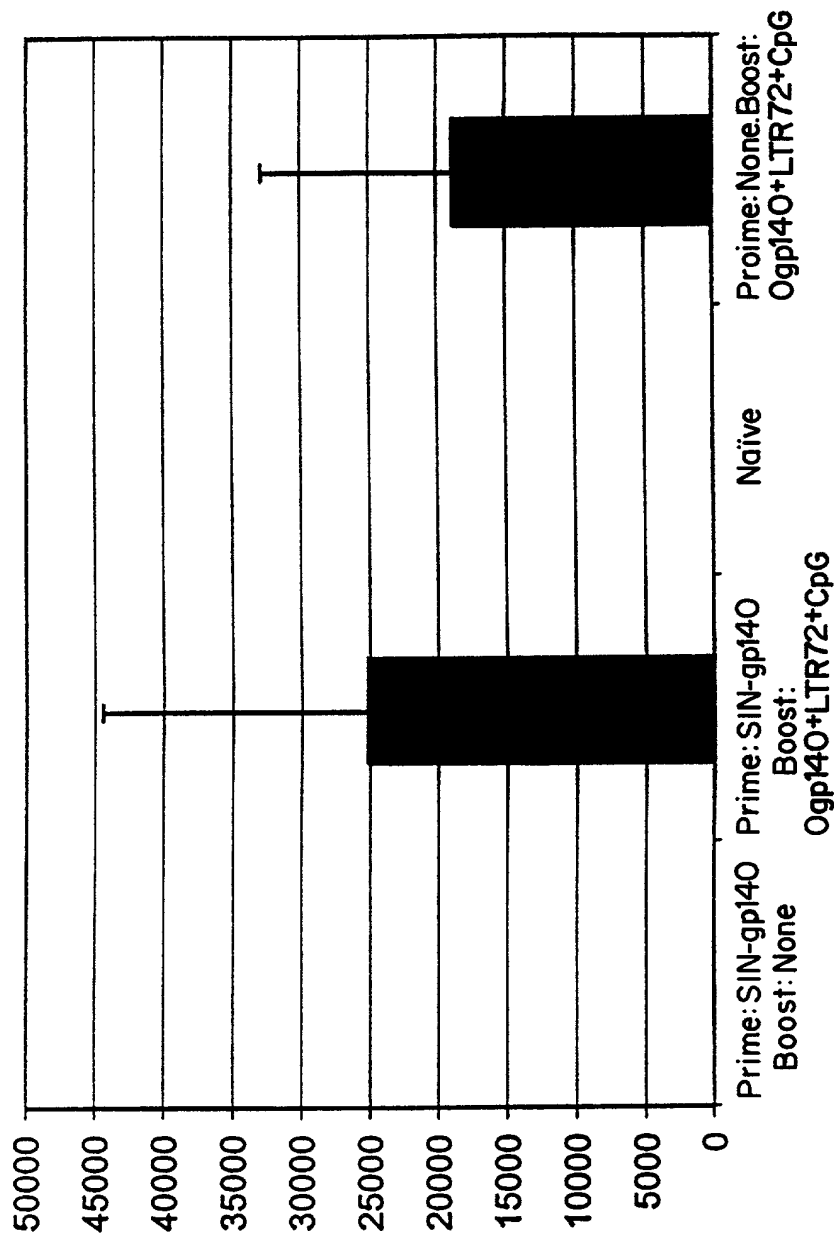
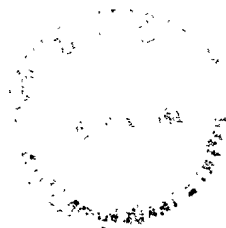


FIG. 10



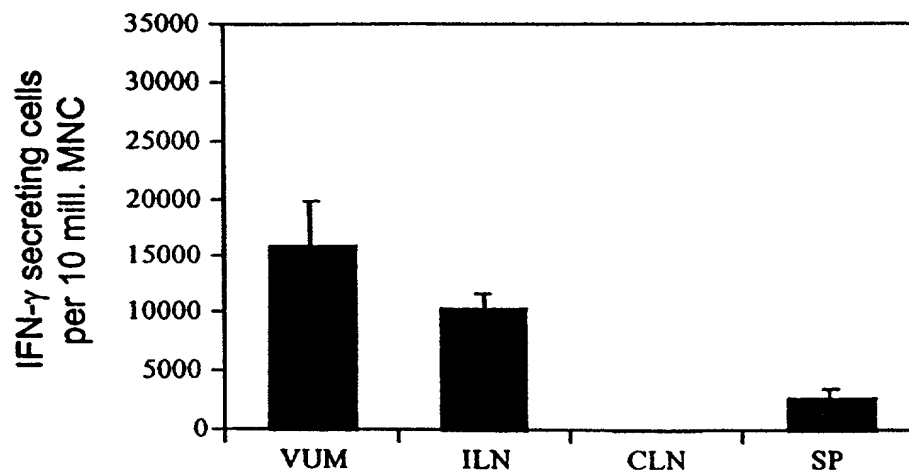


FIG. IIA

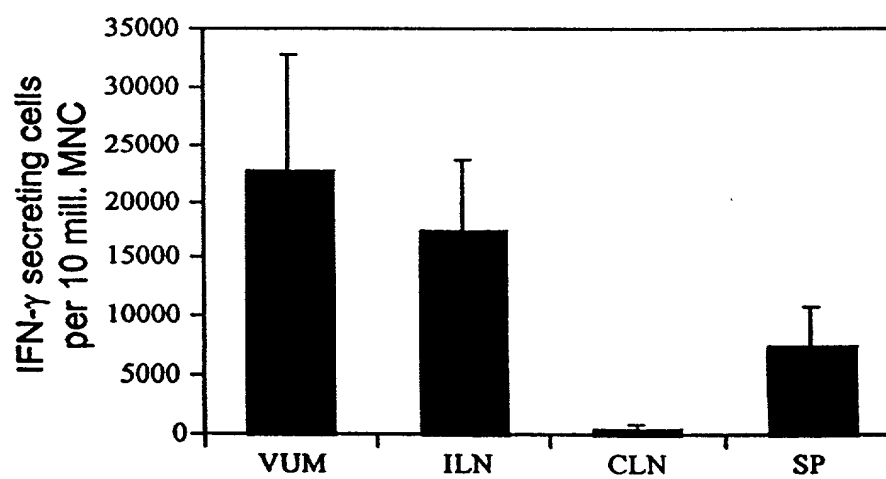


FIG. IIB

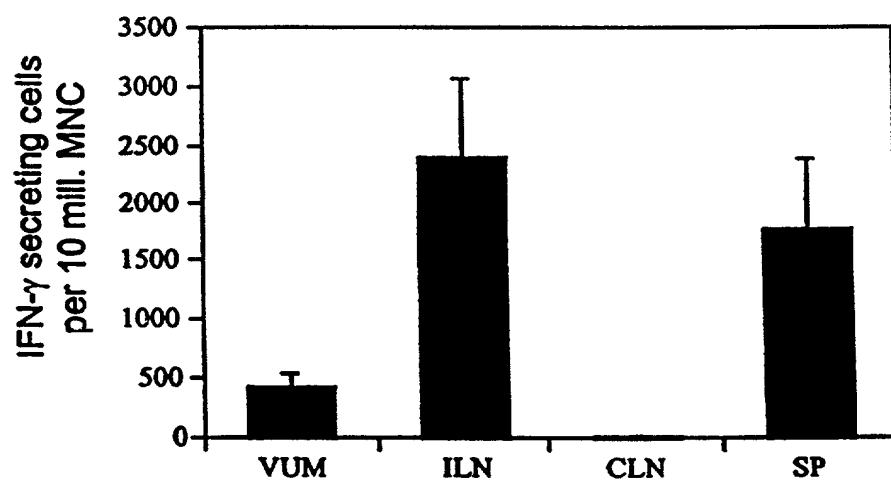


FIG. IIC

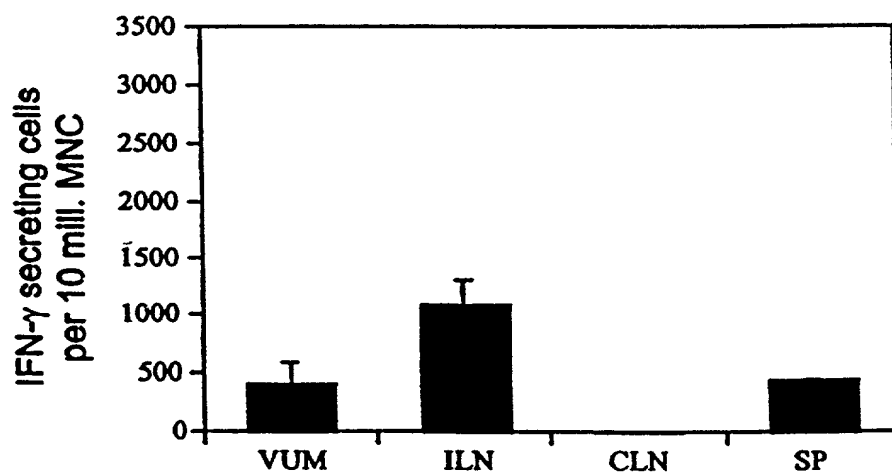


FIG. IID

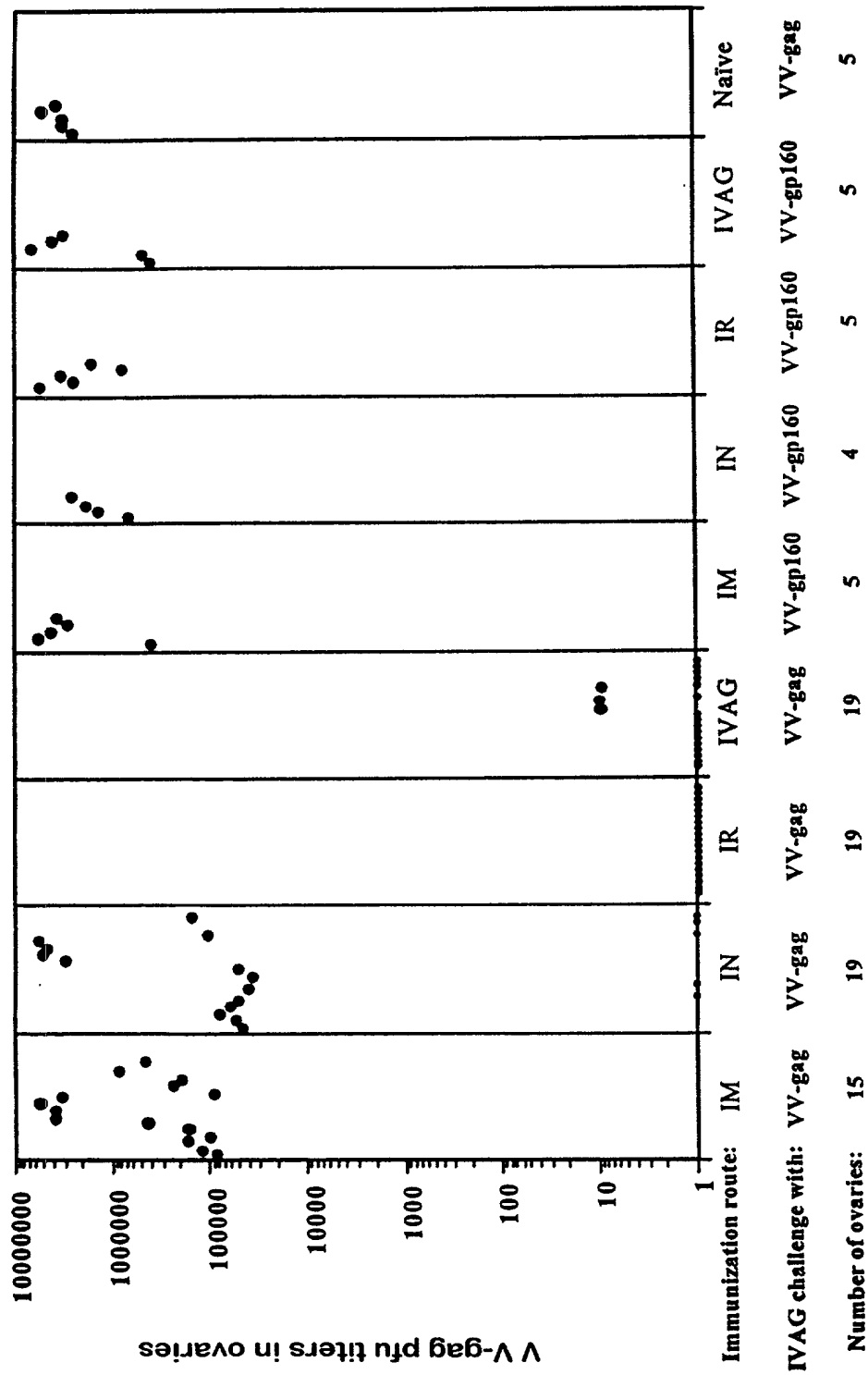


FIG. 12

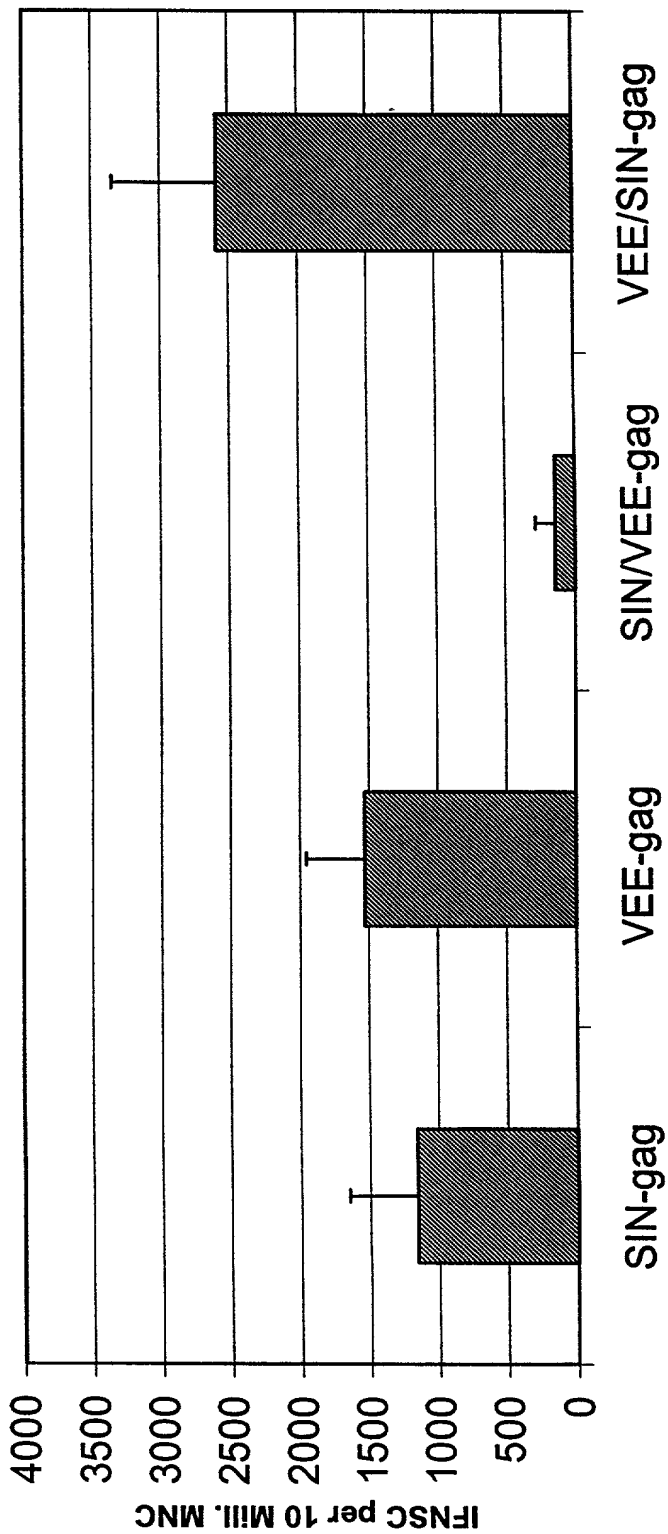


FIG. 13

